## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE /   |
|---------------------------|----------|--------|----------|
|                           | 1        |        | 09/18/00 |
| FEE DETERMINATION         |          |        |          |
| O.I.P.E. CLASSIFIER       |          | 10     | 9-21-00  |
| FORMALITY REVIEW          | EUM      | 66793  | 10/20/00 |
| RESPONSE FORMALITY REVIEW | ,        |        |          |
|                           |          | -      |          |

## INDEX OF CLAIMS

| ~ | Rejected                   | Ν | Non-electe  |
|---|----------------------------|---|-------------|
|   | Allowed                    |   | Interferenc |
|   | (Through numeral) Canceled |   | Appeal      |
| ÷ | Restricted                 | 0 | Objected    |

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|          |          |              |                |  |              | •              | •••  | ••••   | •••••        |  |              | •••••    | •••   | 1031          | 1101     | u        |  |              |  | ٠  | ••••   |          |  | ••••       |
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| Cla      | im       |              |                |  |              | Dat            | е  |  |              |  |              | L        | Cla   | im            |          |          |  |              | Dat  | e  |  |          |  |            |
|          | <u>-</u> | ħ            |                |  |              |                |  |  |              |  |              |          |       | 700           |          |          | - 1  |              |  |  |  |          |  |            |
| ᡖ        | ië       | ſŁ           |                |  |              |                |  |  | 1            |  |              |          | В     | gi            |          |          | - 1  |              |  |  |  |          |  |            |
| Final    | Original | 7            | 1              |  |              |                |  |  |              | 1  |              | - 1      | Final | Original      |          | - 1      | - 1  |              |  |  |  |          |  |            |
|          | Ū        |              | ╆              |  |              | -              |  |  |              |  |              | ľ        |       | 51            | 一        |          |  |              |  |  |  | -        | _  |            |
|          | 2        | 1            |                | ĉ  | H            | -              |  |  |              | =  |              |          |       | 52            | -        |          |  |              | $\dashv$   | -  | -  |          | _  |            |
|          | 3        | Н            | H              | V  |              |                |  | _  | -            | $\vdash$   | —            |          |       | 53            | $\dashv$ | $\dashv$ |  |              |  |  |  |          |  | -          |
|          |          | Н            | 7              | -  | <u></u>      | _              |  | _  | _            | -  |              |          |       |               |          |          | -  | _            |  |  | L.   | _        | _  | _          |
|          | 4        | Н            |                | -  |              |                | _  |  |              | Ц  |              |          |       | 54            |          |          |  |              |  |  |  | L.,      |  |            |
|          | 5        | щ            | L              |  |              |                |  |  |              | Ш  |              |          |       | 55            | 4        | _        | _  |              |  | _  |  |          |  | _          |
|          | 6        | Ш            |                |  |              |                |  |  |              |  |              |          |       | 56            | _        |          |  |              |  | _  |  |          |  |            |
|          | 7        | Ш            |                |  |              |                |  |  |              |  |              |          |       | 57            |          |          |  |              |  |  |  |          |  | L          |
| •        | 8        | П            |                |  |              |                |  |  |              |  |              |          |       | 58            |          |          |  |              |  |  |  |          |  |            |
|          | 9        | П            |                |  |              |                |  |  |              |  |              |          |       | 59            | $\neg$   |          |  |              |  |  |  |          |  |            |
|          | 10       | 1            |                |  |              |                |  |  |              |  |              |          |       | 60            |          |          |  |              |  |  |  |          |  |            |
|          | (F)      | Я            | $\vdash$       |  |              |                |  |  |              |  |              |          |       | 61            |          |          |  |              | _  |  |  | _        |  |            |
| -        | 12       | H            |                |  |              | _              |  |  | _            |  |              |          |       | 62            | -        |          | _  |              |  | _  |  | -        | _  | -          |
|          | 13       | ╫            | <del> </del>   |  | $\vdash$     |                | -  |  | -            |  |              | <b> </b> | -     | 63            | -        | -        | -  | -            |  | $\vdash$   | <del>                                     </del> | $\vdash$ |  | $\vdash$   |
|          | 14       | ⊬            | -              |  | _            | _              | _  |  |              | Н  | -            |          |       | 64            |          |          |  |              |  |  | -  | -        | _  | $\vdash$   |
|          |          | ╙            | <u> </u>       | ļ  |              | _              |  |  |              | Н  |              |          |       | $\overline{}$ | -        | $\dashv$ | $\dashv$   |              |  | $\vdash$   | <u> </u>   | _        | _  | L          |
| _        | 15       | Щ.           | <u> </u>       |  |              |                |  |  |              | _  |              |          |       | 65            |          |          |  | ٠.           | _  | _  | <u> </u>   | _        |  | ╙          |
|          | 16       | <u>IL</u>    |                | _  |              |                |  |  |              |  |              |          |       | 66            |          | _        |  |              | $\Box$   |  | <u> </u>   |          | _  |            |
|          | 17       | 1            |                |  |              |                |  |  |              |  |              |          |       | 67            |          |          |  |              |  |  |  |          |  |            |
|          | 18       | П            |                |  |              |                |  |  |              |  |              |          |       | 68            |          |          |  |              |  |  |  |          |  |            |
|          | 19       | 4            | П              |  |              |                |  |  |              |  |              |          |       | 69            |          |          |  |              |  |  |  |          |  | Г          |
|          | 20       | ~            | -              | ,  |              |                | $\vdash$   |  |              | П  |              |          |       | 70            |          |          |  |              |  |  |  |          |  |            |
|          | 21       | ⊢            | ┢              | -  | $\vdash$     | $\vdash$       | ⊢  | Н  |              | Н  | $\vdash$     | ŀ        | _     | 71            | $\dashv$ | -        |  |              | H  | ⊢  | ├  | ├─       |  | ┢─         |
|          |          | ڄ            |                | $\vdash$   | ⊢            |                |  |  |              | H  | -            |          |       |               | $\dashv$ |          | -  |              | $\vdash$   | ├  | ├  | $\vdash$ |  |            |
|          | 22       | 7            | -              | _  | ļ            | -              | <u> </u>   | -  | L.,          | <u> </u>   | <u> </u>     |          |       | 72            |          |          |  |              | -  | ⊢  |  | $\vdash$ | H  | ├          |
|          | 23       | _            | <u> </u>       | <u> </u>   | _            | Ļ              | _  | <u> </u>   |              |  | ļ            |          |       | 73            |          | _        |  |              |  | <u> </u>   | <u> </u>   | <u> </u> | _  | ⊢          |
|          | 24       | _            | L              | <u> </u>   |              | _              | <u> </u>   | L  | L.,          | L_   |              |          |       | 74            |          |          |  |              | L  | L  | _  | <u> </u> | <u></u>  | lacksquare |
|          | 25       | <u></u>      |                | L  | _            | L              | L  |  | <u> </u>     |  |              |          |       | 75            |          |          | '  |              |  | L  | <u>L</u>   |          |  | <u> </u>   |
|          | 26       |              |                |  | L            | 7              |  |  |              |  | L            |          |       | 76            |          |          |  |              |  | <u> </u>   |  |          |  | L          |
|          | 27       |              |                |  |              |                | Γ  |  |              |  |              |          |       | 77            |          |          |  |              |  | [  |  |          |  |            |
|          | 28       |              |                |  | į.           |                |  |  |              |  | Г            | [        |       | 78            |          |          |  |              |  | Г  | Г  | П        |  | · ·        |
|          | 29       |              |                |  |              |                |  |  |              |  |              |          |       | 79            |          |          |  |              | Г  | Г  |  |          | $\Box$   | Г          |
|          | 30       | Н            |                |  | -            | $\vdash$       | <del>                                     </del> | 1  | -            |  | Н            | l        |       | 80            | $\neg$   |          |  |              | _  | -  | _  | _        | $\vdash$   | Н          |
| H        | 31       | H            | $\vdash$       |  | $\vdash$     | -              | $\vdash$   |  | $\vdash$     |  | $\vdash$     | l I      | _     | 81            | $\neg$   | _        |  | -            | Н  | $\vdash$   |  | $\vdash$ | $\vdash$   | -          |
|          | 32       | ┢            | H              | ┢  | $\vdash$     |                | ╁─╴  | -  | -            | -  | -            | lł       |       | 82            | $\dashv$ | _        | $\vdash$   |              | $\vdash$   | -  | $\vdash$   | -        | $\vdash$   | ├─         |
| -        | 33       | $\vdash$     | $\vdash$       | $\vdash$   | $\vdash$     | $\vdash$       | $\vdash$   | -  | -            | $\vdash$   | -            |          |       | 83            | $\vdash$ |          | H  |              | $\vdash$   | $\vdash$   | $\vdash$   | -        | $\vdash$   | $\vdash$   |
| <u> </u> | 34       | $\vdash$     | $\vdash$       | H  | $\vdash$     | $\vdash$       | $\vdash$   | $\vdash$   | <del> </del> | H  | $\vdash$     | i        | _     | 84            | $\vdash$ | -        | Н  | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | -        | $\vdash$   | $\vdash$   |
| <u> </u> |          | -            | ₩              | <b>├</b>   | <del> </del> | ├-             | <del> </del>                                     | -  | -            | $\vdash$   | <b>⊢</b>     |          | _     |               | Н        | _        | _  | $\vdash$     | $\vdash$   | <u> </u>   | <u> </u>   | -        | $\vdash$   | $\vdash$   |
| <u> </u> | 35       | _            | <u> </u>       | <u> </u>   | _            | <u> </u>       | _  | _  | L            | L  | L            |          | _     | 85            | Ш        |          |  |              | $\vdash$   | <u> </u>   | <u> </u>   |          | L  | $\vdash$   |
|          | 36       | L            | <u> </u>       | L_   |              | _              | <u> </u>   | _  | _            |  | _            |          |       | 86            | Ш        |          |  |              |  | L  | _  |          |  | <u> </u>   |
|          | 37       |              |                |  | L.           |                | _  | L  |              | L  | _            |          |       | 87            |          |          |  |              | _  | L  |  |          |  | ┖          |
|          | 38       |              |                |  |              |                |  | <u> </u>   |              |  |              |          |       | 88            |          |          |  |              |  |  | L  | _        | L  |            |
|          | 39       | ŀ            |                |  |              |                |  |  |              |  |              |          | _     | 89            |          |          |  |              |  |  |  |          |  |            |
|          | 40       |              |                |  | _            |                |  |  |              | Г  |              | l        |       | 90            |          |          |  |              |  |  |  |          |  | Γ          |
| Н        | 41       | t            | †              | $\vdash$   | I            | $\vdash$       | $\vdash$   | <del>                                     </del> |              | Н  | $\vdash$     |          | _     | 91            | Н        |          | Н  |              |  |  | <b>-</b>   | 1        | ┢  | Г          |
| -        | 42       | <del> </del> | +-             | ⊢-   |              | $\vdash$       | $\vdash$   | $\vdash$   | <del> </del> | $\vdash$   | $\vdash$     |          |       | 92            | Н        |          | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   |          | $\vdash$   | -          |
| -        |          | ⊢            | <del>  -</del> | -  | <del> </del> | $\vdash$       | $\vdash$   | $\vdash$   | -            | $\vdash$   | $\vdash$     |          |       |               | Н        |          | $\vdash$   | Ь—           | $\vdash$   | _  | $\vdash$   | $\vdash$ | $\vdash$   | -          |
| _        | 43       | ┞-           | <u> </u>       |  | <u> </u>     | <u> </u>       | ┞  | <u> </u>   | <u> </u>     | ļ  | <b> </b>     |          |       | 93            | $\vdash$ |          | $\vdash$   |              | <u> </u>   | _  | $\vdash$   |          | -  |            |
| L_       | 44       |              |                | <u> </u>   | <u> </u>     | L_             | _  |  | <u></u>      |  | 匚            |          |       | 94            | Ш        |          |  | $oxed{oxed}$ | <u> </u>   | ļ  | <u> </u>   | <u> </u> | L  | _          |
|          | 45       |              |                |  | L            | L              | L  |  |              | L  | L            |          |       | 95            | $\Box$   |          |  |              |  | <u> </u>   |  | <u></u>  | $ldsymbol{ld}}}}}}$ | L          |
| L        | 46       | L            | L              | L  | Ĺ            | L              | L  | L  | L            | L  | L            |          |       | 96            |          |          |  | L            | L  |  | L  |          | L  | L          |
|          | 47       |              |                |  |              |                | Γ  | Г  |              |  |              |          |       | 97            |          |          |  | Γ            | Γ  |  |  |          |  |            |
| $\vdash$ | 48,      |              | Т              |  | Г            | Г              | t  | t  | T            | П  | П            | 1 1      |       | 98            |          |          | Г  | Г            |  | $\vdash$   |  | 1        |  | Г          |
| $\vdash$ | 40       |              | +              | <del>                                     </del> |              | <del>  -</del> | Η-   | $\vdash$   | <del> </del> | <del>                                     </del> | <del> </del> | 1 1      | _     | 00            | -        | _        | <del>                                     </del> | ┰            | <del>                                     </del> | <del>                                     </del> | 1  | t        | 1  | 1          |

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|              | . 01     | bjec           | ted  |  |  |  |          | 1    |          |          |          |     | . 1     |          |
|              |          |                |  |  |  |  |          |      | X.       |          |          |     | 1       |          |
| Cla          | im       |                |  |  |  | Da   | 8        |      |          | Z. \     |          | 2.  | 16      |          |
| -            |          |                |  |  |  | Ť  |          |      |          |          | 1        |     | 13.     |          |
| _ [          | Original |                |  |  |  |  |          |      |          |          |          |     |         |          |
| Final        | 퉏        |                |  |  |  |  |          |      | Ş i      |          |          |     |         |          |
| ш            |          | _              | _  |  |  |  |          |      |          |          |          |     | \$ 30.  |          |
|              | 101      |                |  |  |  | 1.1  |          |      |          |          |          |     | Jab.    |          |
|              | 102      |                |  | 1  | <b>X</b>   |  | je, c    |      |          |          | 4        | 40  |         | é        |
| П            | 103      |                |  |  | -  | 7  |          |      | 8        |          | 1        |     | 100     |          |
| $\vdash$     | 104      |                |  |  | -  |  |          |      |          |          | -        |     |         |          |
| $\vdash$     | 105      | -              | ┝  | - 1  |  |  | -        |      | N.       | -        |          |     | 16      |          |
| ⊢            | 106      |                | -  | -  | -  | -  |          | 3.0  |          | -        | -        | 8   | en .    | R        |
|              | 107      | -              | -  | · Vi   |  | ä  | 100      |      |          | N. '     | 3.7      |     | 34      | 1.6×     |
|              |          | L.,            |  |  | Ĺ  | . **   | 4        |      |          | 1        |          |     |         |          |
|              | 108      |                | _  |  |  |  |          |      |          |          | 1        |     |         |          |
|              | 109      |                |  |  |  | _  |          | 3    | à.       |          | Acto     |     |         |          |
|              | 110      |                |  |  |  |  |          |      | ¥.       |          |          |     | 1.4     |          |
| -            | 111      | Г              |  |  |  |  | × .      |      |          |          |          |     |         |          |
| _            | 112      |                | -  |  |  | 153  | 487      |      |          |          |          |     |         | NA STATE |
| $\vdash$     | 113      |                | $\vdash$   | -  | -  | F  |          |      |          | -        |          |     |         | 1        |
| $\vdash$     |          |                | $\vdash$   | -  | -  | <del> </del>                                     | -        | 456  | <u> </u> | -        | -        | M   |         |          |
| _            | 114      |                | -  | -  | <u> </u>   | ٠.   | _        |      | 4        | _        |          |     |         |          |
| <u> </u>     | 115      | 1              | Ŀ  | ١.   | _  | <b>!</b>   | _        |      |          |          | L.,      |     | 10.2    |          |
| L            | 116      | <u></u>        | L  | 1  | 2.0  |  | En:      |      |          | *        |          |     |         | å        |
|              | 117      | 1              |  |  | 2.   |  | Addie.   |      |          | 1        |          |     | 1       | Š        |
|              | 118      | П              |  | П  |  | Г  |          | . 85 | ¥.       |          |          | A   |         |          |
|              | 119      |                |  |  |  |  |          | 1    |          |          |          |     |         |          |
| ┢            | 120      | <del>  -</del> |  | 1  | -  | ┪  | -        | *    | Z.       |          |          |     | A i     |          |
|              |          | ⊢              | <u> </u>   | -  | ⊢  | ⊢  |          | *    | 460      | _        |          | 2   |         |          |
| <u></u>      | 121      | <u>_</u>       |  | 3  | _  | _  | . 4      | Ш    |          |          |          |     |         | s.       |
|              | 122      |                |  |  |  |  |          | 1    | 100      | Х.,      |          |     | m       |          |
|              | 123      |                |  |  |  |  |          | T.   |          |          |          | 7   | 1       |          |
| Г            | 124      | П              |  | П  |  |  |          | 8    | V.       |          |          | •   | 3       |          |
| Г            | 125      | Г              |  | Г  |  |  |          |      | g        |          |          |     |         |          |
| $\vdash$     | 126      | $\vdash$       |  | $\vdash$   | Ι.   |  |          |      |          |          |          |     |         |          |
| <del> </del> | 127      | ⊢              | -  | ╁╴   | Н  | H  |          | 4    |          | ě        |          |     |         |          |
| -            | 128      |                | ⊢  | ⊢  | ⊢  | H  |          |      | -        |          |          | 4   | K.L.    |          |
| ⊢            |          | <b>⊢</b>       | _  | -  | ├-   | <u> </u>   | -        |      | -        | _        | -        |     | 8       | 1        |
| L            | 129      | L              |  | L  | <u>_</u>   | _  |          | 1    | eser.    | _        |          |     |         |          |
|              | 130      |                |  | L  |  |  |          | *    | .33      |          | - 2      |     | lid.    | 3        |
|              | 131      |                |  | l.   |  |  | À        |      |          | *        |          | 24  |         |          |
|              | 132      | 1              |  | l  |  |  |          | 1    | 8        |          |          | 1   | 4 3     | S.       |
| Г            | 133      | П              |  | П  | Г  | Г  |          | *    |          |          |          |     | 4       |          |
|              | 134      | Г              |  |  |  |  |          |      | _        |          |          |     | \$      |          |
| $\vdash$     | 135      |                | $\vdash$   | Н  | Н  | Н  |          | 197  | k.,      | 3.       |          |     | ).<br>M |          |
| ⊢            | 136      |                | -  | -  | ╌  | -  |          |      | 7        | 40       |          |     | B - 1   | S.       |
| <del> </del> |          |                | -  | 1  | ┝  | ┝  |          |      | 2.       |          | -4       |     |         |          |
| $\vdash$     | 137      |                | $\vdash$   | Н  | -  | ├  | -        |      | _        | -        | <b>—</b> |     | ×       |          |
| <u> </u>     | 138      |                | <u> </u>   | 1  | $\vdash$   | <b>L</b>   |          |      | -        | -        | _        |     | 3       | 1        |
| <u> </u>     | 139      |                | 匚  | -  | _  | 1_   |          |      |          |          |          |     | Ä       |          |
|              | 140      | i              | l  | ``   |  |  |          | 1    |          |          |          | 1   | Mar.    |          |
| _            | 141      |                |  |  | Γ  | Г  |          |      |          |          |          | ľ   | Ŋ.      |          |
| ┢            | 142      |                | $\vdash$   |  | Н  | <del>                                     </del> | $\vdash$ |      |          | -        | _        |     |         |          |
| ┝            | 143      | -              | <del>                                     </del> | <del>                                     </del> | ⊢  | ├-   | -        | -    | -        | -        | -        |     |         |          |
| $\vdash$     | 144      |                | -  | $\vdash$   | ⊢  | -  | H        | -    | -        | -        | -        |     |         |          |
| <u> </u>     | 144      | -              | ⊢  | L  | <b>!</b>   | <del> </del>                                     |          |      | _        | <u> </u> | -        |     |         |          |
| <u> </u>     | 145      | 1_             | _  | $\vdash$   | _  | _  |          | i    |          |          | _        |     |         |          |
| L            | 146      |                | L  | L  |  | L  |          |      |          |          |          |     |         |          |
| ] _          | 147      | 1              |  |  | Γ  | Γ  |          |      |          |          |          |     |         |          |
| Г            | 148      | 1              | Г  |  | Τ  | Г  |          |      | Г        | Π        | _        | 1   |         |          |
| Г            | 149      |                | г  | 1  |  | 1  | T        | Г    | 1        | Г        | _        | 1   |         |          |
| -            | 150      | 1—             | <del>  -</del>                                   | $\vdash$   | <del>                                     </del> | +-   |          |      |          | 1        | -        | ١ ' |         |          |
|              | 1.06     | 1              | ١.   |  |  | ┖-   |          | 1    | ٠        | ·        |          |     |         |          |

If more than 150 claims or 10 actions staple additional sheet here

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